Mines and Prospects---Furnaces and Mills

AGE DOES NOT DETER STEWART

Former Senator Is a Gold-Seeker.

Nevada's Grand Old Man Operating in the Gold Fields.

Important Developments Reported in Kawich Mountain—Brighter Days for Goldfield.

BY STAFF CORRESPONDENT.

Special to The Tribune.

GOLDFIELD, Nev., May 23.—Of the many interesting and prominent characters now in the southern Nevada mining districts, none can claim greater distinction nor more sincere regard than former United States Senator Stewart, who has returned to the mines again.

Despite his gray hairs and long years of honorable service in behalf of his great State, the Senator is young yet, enduring the hardships universally attending boom days in a mining country with all the vigor and enthusiasm of a man half his age.

It is whispered that the Senator is in line for something big in the mining way, and that he will establish a law office in the Bullfrog district.

W. H. Clark has returned from the Kawich country and brought with him the first authentic news of the big strike recently made on the Mammoth-Kawich Mining company's property.

This group is composed of three claims, the Mono, Elevation and Inland, situated about four miles south of the town of Kawich. These claims are admirably situated and showed good surface values.

Mr. Clark brought back some fine samples of ore which he is having assayed.

First reports from the district had it that ore running $35,000 had been found, but Mr. Clark, who is conservative, is unwilling to make a conclusive statement until he receives the assayer's report. The strike, however, is one of great importance and value, and will tend to put Kawich well to the front.

The Kawich district is an ideal one for a substantial mining region, the greatest drawback heretofore being the lack of proper development. Water is found in many localities sufficient to supply all the demands, and timber in abundance is within twelve miles of the new camp.

The officers of the Mammoth company are: A. C. Elsen, president; W. H. Clark, vice-president; J. H. Shockley, treasurer; F. H. Lathrop, secretary.

The management of the great Florence mine is very reticent in regard to that property, which is one of the star properties of the Goldfield district. Persistent rumors are in circulation that the Florence is producing ore that will run close to $16,000 a ton at their present level of 350 feet.

It is stated by those in authority that the ore is looking better at every foot as the depth increases. The Florence is only another proof that Goldfield is not only a rich camp, but a permanent one. The outlook for the district grows brighter daily.

GILLIES WILL MANAGE.

Has Consented to Direct the Campaign at the Golden Crown.

It is the intention of the Golden Crown Mining company, which was formally launched by Salt Lake talent during the day, to begin most vigorous researches on the valuable piece of earth acquired by it in Tonopah, said a prominent interest in the undertaking, the work to be under the supervision of and the affairs to be managed by none other than Donald Gillies, who has been long identified with the Montana-Tonopah in similar capacity. The organization behind the new company is not only a powerful one, but one that will command the confidence of the entire West, while developments in territory by which the new company's estate is bounded have practically demonstrated that another mine is to be added to the list at Tonopah. It is the intention to begin sinking on the Gold Crown at once, and to carry out the plans abundant means have already been assured.

CYANIDE AT PIOCHE.

New Plant at Abe Lincoln Now Doing Its Work.

Advices from Pioche, Nev., during the day indicate that the new cyanide plant, with the Holderman process, has gone into commission at the Abe Lincoln mine, with everything to foretell the most lucrative results. With which to supply it, according to reports from camp, is a very large volume of material, and the first consignment of auro-cyanide will be awaited with much interest by not a few in this city who have followed the evolution of Mr. Scott's undertaking in the neighboring camp. In addition to ores, the metallic contents of which are to be recovered by the application of cyanide, the concentrating tables are reducing another class, while the first-class ores will come as they are stoped from the mine.

IN NEWHOUSE TUNNEL.

Another Strike Recorded in Long Avenue in Colorado.

Lafayette Hanchett, general manager of the Newhouse interests throughout the West, is scheduled to arrive from Colorado tonight with particulars of a new strike in the famous Saratoga lode, the ores of which are to find an outlet through Newhouse tunnel at Idaho Springs. The new disclosure, according to advices received at the local offices, is one of the most important that has been made in the camp, as it demonstrates that rich ore may be relied on at great depth.

TEA

We want your goodwill and your money; not one cent without that goodwill!

Your grocer returns your money if you don't like Schilling's Best.

THE DAY ON 'CHANGE.

Traders Fail to Respond to Leadership of New York.

The day on the mining exchange closed on the sale of 21,500 shares of stock for $4673.13 and with the tone of the market a trifle improved. New York again appeared at the head of the sprinters and from 54 cents advanced to 61 after which it relaxed, while Con. Mercur was dealt in up to 56 and Uncle Sam at 38. Daly responded to a bid of $2.25 and Wabash to one of $1.50 while Sacramento executed an order for 1500 at 9 cents with Silver Shield going at 27. Carisa, from which most favorable tidings continue to arrive was in steady demand around 15 cents, while May Day closed on a transfer at 14 with Ingot showing some activity around 1¾. The higher priced list was generally inactive, the day closing on the following market:

	A. M.		P. M.	
	Bid.	Asked.	Bid.	Asked.
Ajax	$ .15	$ .16½	$ .14½	$ .16¾
Alice	.33	.65	.35	.65
Boston Con.	8.25	8.45	8.25	8.62½
Bullion Beck	1.25	1.50	1.25	1.50
Beck Tunnel	.07	.08½	.06½	.....
Butler Liberal	.12½	.13¾	.12½	.13
Carisa	.14¼	.16	.14¾	.15¼
Con. Mercur	.53½	.57½	.50½	.57½
Century	.21	.35	.22	.35
Creole	.....	.27½	.....	.27½
Daly	2.05	2.40	2.00	2.50
Daly-Judge	5.00	5.50	5.00	.....
Daly West	12.50	14.25	12.00	14.50
Eagle & B Bell	.97½	1.05	.97½	1.05
Galena	.13	.....	.12½	.....
Grand Central	.....	3.25	.....	3.35
Goldfield Bon.	.....	.05	.....	.04½
Horn Silver	1.50	.....	1.50	2.05
Ingot	.01¾	.01½	.01¾	.01¾
Joe Bowers	.01	.03	.01	.02½
Little Bell	.35	.....	.40	.....
Little Chief	.01¾	.02¾	.01¾	.02¾
L. Mammoth	.20½	.26	.21	.26
Montana Ton.	2.96	3.12½	3.00	3.15
Mammoth	1.02	1.20	1.09	1.20
May Day	.14	.14¼	.13½	.14
Martha W.	.00¼	.00¾	.00¼	.00¾
McNamara	.40	.47	.40	.46
New York	.57½	.60	.57½	.58½
Ontario	2.00	3.00	2.87½	2.75
Rocco-H'stake	.....	.30	.....	.30
Rich.-Anacon.	.....	.06	.....	.06
Sunshine	.....	.....	.....	.02
Swansea	.29½	.40	.35	.34
So. Swansea	.05½	.....	.05	.09
Sacramento	.07¾	.10	.08¼	.09½
Silver King	57.50	59.00	57.00	58.50
Star Con.	.08¾	.10	.09¼	.10
Silver Shield	26	31	25	29
Tonopah	12.75	14.25	13.00	14.25
Tonopah Bel.	.....	.....	1.20	1.30
Tonopah Ext.	4.00	5.50	4.00	5.25
Tonopah Mid.	1.50	1.65	1.62½	1.75
Tetro	.18¾	.19¼	.18½	.19½
United States	29.25	.....	29.50	31.00
Uncle Sam Con.	.38¼	.40	.37¾	.38¼
Utah	.28	.....	.35	.50
Victoria	1.52½	1.90	1.82½	2.00
Victor Con.	.04¾	.05	.04¾	.05
Wabash	1.42	1.50	1.46	1.50
Yankee Con.	.....	.35	.33	.34½

MORNING SALES.

Con. Mercur, 100 at 56c.
Daly, 100 at $2.25.
May Day, 1400 at 14¼c.
Ingot, 2000 at 1¾c.
New York, 100 at 54c; 100 at 54½c; 100 at 55c; 100 at 56c; 100 at 56½c, seller thirty days.
Shares sold, 5100.
Selling value, $809.

OPEN BOARD.

Carisa, 2500 at 15c; 3000 at 15¼c.
May Day, 4300 at 14c; 500 at 13¾c.
Sacramento, 1500 at 9c.
New York, 100 at 59c, seller thirty days.
New York, 100 at 59c, seller thirty days; 100 at 59c, seller thirty days; 200 at 60c.
Wabash, 400 at $1.50.
Shares sold, 12,500.
Selling value, $2517.88.

AFTERNOON SALES.

May Day, 500 at 14c.
New York, 200 at 59c, seller sixty days; 200 at 60c; 100 at 60c, seller thirty days; 100 at 61c, buyer sixty days; 200 at 58½c; 200 at 59c.
Silver Shield, 500 at 27c.
Uncle Sam, 100 at 38c.
Shares sold, 2200.
Selling value, $947.

OPEN BOARD.

Con. Mercur, 100 at 55c.
Ingot, 1000 at 1¾c.
New York, 500 at 57½c.
Uncle Sam, 100 at 38c.
Shares sold, 1700.
Selling value, $399.25.

San Francisco Mining Stocks.

SAN FRANCISCO, May 23.—The official closing quotations for mining stocks today were as follows:

Alpha Con	$ .10	Hale & Norcross	1.70
Andes	.22	Justice	.03
Belcher	.19	Mexican	1.46
Best & Belcher	1.30	Occidental Con	.81
Bullion	.31	Ophir	7.00
Caledonia	.44	Overman	.10
Challenge Con	.15	Potosi	.07
Chollar	.19	Savage	.55
Confidence	.67	Seg Belcher	.05
Con Cal & Va	1.70	Sierra Nevada	.42
Con Imperial	.01	Silver Hill	.94
Crown Point	.14	Union Con	.64
Exchequer	.49	Utah Con	.05
Gould & Curry	.14	Yellow Jacket	.17

NEW YORK MINING STOCKS.

Adams Con	$ .20	Little Chief	.05
Alice	.43	Ontario	4.00
Breece	.25	Ophir	6.25
Brunswick Con	.01	Phoenix	.02
Comstock Tunnel	.08	Potosi	.15
Con Cal & Va	1.55	Savage	.45
Horn Silver	1.80	Sierra Nevada	.38
Iron Silver	3.00	Small Hopes	.25
Leadville Con	.09	Standard	1.85

BOSTON MINING STOCKS.

Adventure	$ 2.25	Mohawk	48.00
Allouez	19.00	Mont C & C	2.00
Amal	76.25	Old Dominion	23.50
American Zinc	9.00	Osceola	88.50
Atlantic	12.50	Parrot	23.00
Bingham	28.50	Quincy	95.00
Cal & H	640@650	Shannon	7.25
Centennial	18.00	Tamarack	102.00
Copper Range	67.50	Trinity	7.62½
Daly West	13.25	United Copper	24.75
Dominion Coal	74.00	U S Mining	29.50
Franklin	8.00	U S Oil	10.00
Granby	5.50	Utah	42.62½
Isle Royale	18.25	Victoria	2.87½
Mass Mining	7.00	Winona	9.50
Michigan	11.00	Wolverine	107.00

Tonopah-Goldfield Market.

The afternoon's advices over the private wire of James A. Pollock & Co. denote the following market at the close in San Francisco:

	Bid.	Asked.
Montana-Ton	$ 3.07½	$ 3.12½
Ton Midway	1.65	1.70
MacNamara	.45	.47
Tonopah Belmont	1.30	1.32½
North Star	.59	.60
Rescue	.08	.09
Gold Mountain	.15	.16
Jim Butler	.82	.84
Tonopah Con	.....	.15½
Tonopah Extension	.....	5.12½
Redtop	.28	.29
Goldfield	.54	.55
Sandstorm	.35	.38
Sandstorm Extension	.....	.13
Adams	.07	.09
Mohawk	.18	.21
Dixie	.20	.21
Kendall	.20	.21
Jumbo	.75	.78
Jumbo Extension	.14	.15
Black Butte	.33	.34
Silver Pick	.....	.16
Golden Anchor	.80	.82
Ray & O'Brien	.06	.....
Ohio-Tonopah	.32	.34
Original Bullfrog	.29	.30
Diamondfield	.45	.48
Cash Boy	.20	.22
Home-Tonopah	.08	.09
Lone Star	.....	.15

The Boston Market.

Pollock & Co. report the following from Boston at the close of the day:

	Sales.	High.	Low.	Close.
Amalgamated	7,631	$77.87½	$76.00	$76.25
Bingham	1,500	29.50	28.50	28.50
Daly West	100	13.50	.....	.....
Mercur	500	59.00	55.00	55.00
Utah	1,110	42.75	42.50	42.50
United States	2,610	29.75	29.00	29.50
Boston Con.	1,060	8.25	8.12½	8.25

Ore and Bullion.

In the ore and bullion market the day's settlements amounted to $77,400, McCornick & Co. reporting them as they follow: Bullion, $42,700; gold, silver, lead and copper ores, $34,700.

In the metal market, silver ruled at 58¾ cents an ounce, lead at $3.50@4.50 per hundred pounds, and casting copper at 14⅛ cents a pound.

Sold Rich Ores on Day's Market

Consignment From the Quincy Mines Out of Tonopah Affords Story of Much Wealth.

Of all that has been said by Manager Gladden concerning the class of ores of which the properties of the Quincy Mining company, twenty-two miles northwest of Tonopah, are capable, the check received by him during the day for a lot containing forty-four tons affords abundant verification. The lot was made up of three consignments that had been sent in by as many lessees on the property, the average for the whole, which was marketed through the Pioneer sampler, showing 176 ounces silver, with 42 per cent lead and $6.20 gold per ton. Nor is this the best of which the properties are capable. On the contrary, the previous lot, consisting of a carload, sold on the local market for a sum exceeding $600, the latter coming from the fissure on the Combination claim, and while it is a narrow one, the character of the ore is such as to make tonnage very rapidly. It is to open up this fissure that the company has just let another contract that will let the shaft down to a depth of 250 feet, where it is expected that the main ore bodies will be encountered. At present the management is negotiating with the smelters for a contract that will enable it to come forward with a steady tonnage, and to that end Mr. Gladden will remain in the city for some time. There is much to indicate that he has, in Nevada, found the bonanza for which he has been prospecting the West for many years, while sharing his luck are several prominent residents of this city.

ON BINGHAM CON.

Report From Boston Discusses Company and Its Assets.

Bingham Consolidated has been the least active of the Utah copper stocks, and has shown little change in price for some time past. It owns a number of mines in the Bingham canyon, and, like United States Mining, controls a silicious ore mine at Tintic, say Hayden Stone & Co. of Boston in their market letter. Bingham has 150,000 shares of stock, selling in the market for $4,800,000. It has outstanding $1,000,000 in bonds, issued for smelter additions, mine improvements and the purchase of new properties. The Mascot tunnel, started some years ago to unwater the mines, recently struck the ore body in the Dalton & Lark mine. This shows good values at that depth, several hundred feet below previous workings. In addition to opening a large extent of territory in the vein, the tunnel permits the extraction of ore at greatly reduced cost. The recent developments in the other mines of the company have been favorable, and the ore reserves are generous. Bingham Consolidated has a smelter with five furnaces, with a total capacity of about 800 tons of ore a day. The output of bullion last year is estimated at something under 12,000,000 pounds, while the present output is at the rate of over 15,000,000 pounds a year.

The company has made no annual report, and no longer issues weekly figures of output. Mining men at Salt Lake City state that the company is doing a good business, apparently with profit. The Bingham smelter does a considerable business in custom smelting. It has a contract with the American Smelting and Refining company, under which it sells its silver-lead ores to that company, which agrees in return not to erect a copper smelter at Bingham. This contract expires in about a year, and may not be renewed, owing to the construction of a lead smelter by United States Mining. Some of the recent buying of Bingham Consolidated has been credited to American Smelting and Refining interests. If so, they have not been at all aggressive. Bingham should develop in time into a dividend-paying proposition, but there seem to be no indications of any early payments, despite frequent rumors to the contrary.

THE DIXIE STRIKE.

Ores Among the Most Sensational of Those in Camp.

Rumors of a big strike on the Tin Horn, owned by the Dixie company, have been floating around the camp for the past week, but Manager Clark says that nothing new has been opened up, says the News of Goldfield. The Tin Horn is a mine, but the average grade of the big body of ore is not more than $30 to $40 a ton. No attempt will be made to ship any of it, as it is the intention of the company to erect a mill at the mine; but to do this it will be necessary to have water, and three shifts are now at work sinking the main shaft for the water level, which is calculated by the engineers to be at a depth of 420 feet. The present shaft is down 275 feet. The vein of pay rock is fifteen feet wide, and a drift has been extended on it at one of the levels sixty feet, but the ore shoot has been proven up for over 300 feet by sinking shallow shafts. There is a streak of high-grade ore running through the dyke which varies in width from one-half to two inches, and assays on it run all the way from $400 to as high as $2300 in gold. The streak is so small that it would not pay to save it separately.

Utah Con. in Boston.

Reports respecting the condition of affairs at Utah Consolidated are decidedly encouraging, on the strength of which the stock is strongly maintained close to 42. Offerings are few, but made at the market price are quickly snapped up, says the Commercial Bulletin of Boston. Advices from Salt Lake have it that the output of the furnaces at present is increasing steadily, although no authoritative figures of its extent are available. It is admitted by officials, however, that the furnaces are reducing a larger tonnage than ever before and that the ores are holding to a very satisfactory average of yield. Last year the company paid dividends of $3 per share on earnings of $3.88 per share. Now, however, that it is deriving the full benefits of a 15-cent metal, and, besides, working in richer ore, it should be possible for the company this year to pay two semi-annual dividends of $2 and add materially to surplus.

Copper King to Resume.

AMERICAN FORK, May 23.—The working force of the Copper King mine left here today for that property in American Fork canyon. The resumption of work at that mine places in operation one of the most promising prospects in the canyon district. The mine was worked until late last fall, and a very flattering showing was made. The vein, when operations were compelled to cease last fall, on account of not being properly prepared for a winter campaign, showing a vein four feet wide carrying very good values.

Manager George Tyng of the Wyoming mine, in American Fork canyon, came down yesterday from that property for a short stay. It is understood from what is considered an authentic source that he expects to put a few ore teams in commission.

A Good Suggestion.

Mr. C. B. Wainwright of Lemon City, Fla., has written the manufacturers that much better results are obtained from the use of Chamberlain's Colic, Cholera and Diarrhoea Remedy in cases of pains in the stomach, colic and cholera morbus by taking it in water as hot as can be drank. That when taken in this way the effect is double in rapidity. "It seems to get at the right spot instantly," he says. For sale by all leading druggists.

Sampling of Utah to Begin Today

Guggenheim-American Smelting Representative to Inaugurate Active Work Underground.

That the American Smelting and Refining company, through its adjutant, the Guggenheim Exploration company, has for some time aspired to proprietary interests in Bingham is known to not a few of those operating in the Camp of Copper, and that the negotiations, in the interest of which Mr. Beatty is now upon the ground, will culminate in a manner that shall gratify that ambition is now quite positively assured. From the inception of the Utah Copper company the relations between those by whom it is controlled and those in control of the American have been of most friendly nature. It was but a few hours, indeed, after the active production of copper, gold and silver-bearing concentrates began that it was awarded a contract for the reduction of this product, the contract covering a period of seven and one-half years, and during that period implying the delivery to the smelter of concentrates containing as much as 35,000,000 pounds of copper, without reference to the gold and silver values associated with that metal. Since the solemnization of that agreement and it became apparent that the American Smelting and Refining company must construct a copper smelter independent of the plant at Murray, with which to execute its portion of it, these relations have been growing hourly, and that active negotiations by which it shall be permitted to share in the conquests of its client have begun is the most natural of events.

It is assumed that if it acquires an interest in the Utah Copper it will be permitted to draw down an equal interest in the Ohio Copper, which latter, it is said, is to be ultimately added to the assets of the former, and the negotiations are being accordingly followed with much eagerness by every interest in the camp. Mr. Beatty will depart for the diggings this morning to inaugurate his labors, accompanied by Manager D. C. Jackling of the mines.

Hon. R. N. Baskin on Old Producers

The Resources of American Fork Canyon to Be Compared With Those of Other Camps.

Hon. R. N. Baskin, who was among the first to recognize the merits of American Fork canyon as a source of wealth, and through whose endeavors the first smelter at which the first ton of ore from the old Miller mine was reduced, through whose endeavors a branch line of railway was constructed into that country, was in receipt of a letter yesterday which induces him to believe that he will be able to get upon the ground again on or before June 10 next. While American Fork canyon has experienced a long interval of neglect, the judge is firmly of the conviction that awaiting intelligent research in that locality are rewards substantial as any that have been recorded in recent years in this State. Studious investigation of the country during the past thirty years has convinced Judge Baskin that it belongs to the main zone within which has been developed the exhaustless wealth of Park City, and that bonanzas equally as large as those in the latter camp will ultimately be developed in American Fork. Of the development in Wyoming-Miller ground in the Miller company's estate, he says it is undoubtedly one of the biggest ever achieved in that region. Not only do the ores occur in large volume, but the quality of them will compare favorably with that of any which is brought upon this market. For 1000 tons of it which was marketed last season, the management received over $43,000. In addition to the high percentages in lead and good contents in silver, the records show this ore to have contained from $19 to $30 per ton in gold with an iron excess of about 20 per cent. With this combination of metallic properties to commend it to the smelter, the management has been able to procure a working charge that is practically all lead, there is a bonus at the average furnace for this class of ore.

It is the Judge's intention to begin development as soon as conditions in the canyon shall permit to resume development at the Shamrock, which has been productive of ore of very high grade and which exceeds in value even that derived from the Miller. Undoubtedly the Judge will do much to cultivate the boom which is now sprouting in that locality.

CON. MERCUR'S CONDITION.

Increased Supply of Ore Uncovered Beneath Old Stopes.

While President John Dern is manifestly reluctant in discussing in detail conditions now existing within the domains of the Con. Mercur Mining company at Mercur, it is undoubtedly a fact that at no period in many years has there been exposed as much available ore as is there at present. While opening up new territory in an endeavor to find hitherto unexplored resources, the management has not overlooked the possibilities underlying old stopes in the property, and in undermining these has encountered a quality of ore which compares favorably with that upon which the company's pioneer record was founded. Material which was at a palmier period used as a filling is now being profitably reduced at the big mill and shows gold values ranging from $4 to $7 per ton, with an average that yields a well-defined margin. Of course it can be readily conceived by the miner how it was that at that time in the career of the property this class of ore found its way to the waste basket. Since that period, however, the Con. Mercur management, as have others, has improved the methods employed in the reduction of ore and what was then characterized as rock of indifferent grade is now being quite profitably handled. While President Dern would not verify it, he would not deny that exposed in the property of the Con. Mercur today are ores with which to supply the mill operating at present capacity for no less than four years. While this may astonish the average shareholder, there are not a few who claim to be posted who declare it to be a fact. Of course the management is to be congratulated.

BOUGHT LOCAL STOCKS.

Southern Investor Opens His Purse to Opportunities in Utah.

James E. Coleman, who has been identified for many years with the mines of Southern California, of Arizona and Nevada, departs for Los Angeles today promising to return at a later period in the season. During his sojourn, Mr. Coleman has been devoting not a little attention to developments at Bingham, and of the ultimate supremacy of that camp among the copper producers is now prepared to believe. While unable to secure the foothold he sought over there, he did find it desirable to distribute a wad of money between the shares of the various companies that appealed favorably to him and departs as a stockholder in one or two of them. During his brief stay in Utah he has been the guest of Clarence K. McCornick, of whom he says that the latter has in the Gold Roads mines, Ariz., one of the biggest gold bearing propositions in the country.

Boston Con. Will Drive New Tunnel

Copper-Bearing Porphyries to Be Opened Up Through Another Avenue From the East.

To expedite its development in the copper-bearing porphyries and add to the acreage of milling ore upon which the massive plant upon the margins of Utah lake shall feed, a tunnel that shall undermine them on the west will be started immediately on the return of Mr. Hanchett from Colorado, said Manager Cates during the day, the work through this avenue to be prosecuted as vigorously as it is being done through Teck tunnel. The mouth of the new tunnel, said he, will be either upon Ben Hur or Roman ground, its destination, a station under "the big bluff," that rises above the zone and about which the better class of porphyry appears to occur. The wealth to be undermined by the new tunnel is along a horizon between 400 and 500 feet above that through which the Teck is forging, the two arteries to be ultimately connected and the Teck to be made the main outlet.

The report for April which has just been forwarded by the management to the general offices of the company in Boston, affords a lesson on the inexpensiveness of mining in the camp of copper to which the student has rarely had access. It reveals that during that period Manager Cates produced 5900 tons of ore at a gross cost of $1.31 per ton, while the actual cost of breaking and placing it in the bins was confined to 83 cents. It looks like a record.

Upon the channel of high-grade ore recently encountered at Peabody level, the management has now raised for three floors, the ores maintaining an average of 8 per cent. copper, with from $4 to $5 in gold and silver, while the ore exposed in some portions of the channel shows an average of 15 per cent. Manager Cates leaves for camp to continue his splendid work again this morning.

RUNNING FOR DATA.

Operations Now Going on at Utah Copper Company's Mill.

Frank G. Janney, general superintendent of the Utah Copper company's big plant in Bingham canyon, and who will undoubtedly participate most actively in the construction of the bigger plant at the point of the mountain, departed for the camp again during the afternoon after several hours' conference with Manager Jackling. Superintendent Janney says that he is now running for determinations that shall afford the data and instruction upon which to rear the larger plant rather than to maintain any great output at the canyon mill. Until this data is developed the tonnage reduced at the Bingham canyon plant will vary. However, the company can afford the loss of temporary profits incurred by this experimental operation as it will be fully reimbursed by the more profitable results that shall be achieved at the larger mill. Superintendent Janney says that he proposes to have the information which shall guide the company in the construction of its new plant so conclusive and so minute that when the new mill is finally completed, the management will know exactly what to expect of it. In this work he is not only doing much for his own company, but much for the enlightenment of mining circles generally.

Strike in Gold Reed.

A message from Tonopah says a strike of importance has been made on the Standard claim of the Gold Reed Mining company, located at Kawich. The strike was made in a body of talc on the 100-foot level, which returns assays running from $19 to $620. The entire face of the tunnel lies in the talc uncovered. The tunnel is but twenty feet from the foot of the shaft. The news of the strike was brought to Tonopah by A. C. Wardle.

Mining Notes.

Advices from Alta indicate a most satisfactory condition at the property of the Albion company.

William Hatfield left for Park City yesterday morning, where he went to inquire into the conditions at the Wabash.

Joseph Bush, who has been mining for so long a time on Irish mountain, out of Hiko, Nev., leaves for camp again tomorrow.

Herman Hill, actively identified with brokerage circles here for many years, came in from the west yesterday, accompanied by his bride.

William C. Ochs reappeared on the street yesterday afternoon to meet with congratulations from many friends and mining circles generally.

Engineer Street of the Newhouse mines leaves for the southern camp again tomorrow, after having made the acquaintance of a new baby daughter at his dwelling.

Fred J. Siebert, formerly superintendent of the Tonopah company, and now following his profession of mining engineer in Los Angeles, is renewing acquaintances in Tonopah this week.

Newt Dunyon has gone into the Deep creek country, where he is conducting an examination of mining property for Eastern clients, and which it is not unlikely will result in the advent of a new crowd in those diggings.

Maj. Whiting, representing Eastern interests in the Buckhorn group of mines at Ophir, has returned to the city to remain indefinitely. He expresses himself as very much pleased with results that have been achieved under the management of Mr. Levy.

Thomas Brown, for many years identified with the mines of Bingham, has arrived from Stateline, where he reports conditions prohibitingly if not distressingly tranquil. However, he has not lost confidence in the ultimate recovery of those diggings.

John W. Langley, who abandoned the pit of the local exchange to woo the goddess in Tonopah, has returned to his offices in that camp after an absence of several weeks in San Francisco. In his new field of usefulness, Mr. Langley is making the most enviable record.

Samples of high-grade gold-bearing ore are exhibited at the offices of Broker William H. Tibbals that tell of another sensational discovery in Nevada camps. Mr. Tibbals is not prepared to release particulars just yet, although visibly exultant over the wealth to which assays certify.

Senator W. A. Clark has purchased the half interest of his two co-partners in the Black Rock mine at Butte. The property is an old silver producer, located in the North Butte district, and is at present under lease to some Iowa men, who are working under the name of the Blackrock Mining company.

Goldfield Sun: A strike, showing assays running from $80 to $1000 per ton, has been made at Gold Reef, midway between Tonopah and Goldfield. The strike was made by Mr. Kielhoefer, in his own ground. The rich ore was found on the hanging wall, and it is thought will show up a very high grade of ore.

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